

Claims

1. (original) A bearing arrangement for vibrantly supporting a grinding disk (24) on a grinding apparatus (10), in particular in a vibrating grinder, having a plurality of elastic vibration bodies (48), which can be connected on the one hand to the grinding disk (24) and on the other to the grinding apparatus (10), characterized in that the vibration bodies (48) are disposed, individually or in groups of a plurality of vibration bodies (48) each, in a plurality of modules (42) that are separate from one another.

2. (original) The bearing arrangement of claim 1, characterized in that the individual modules (42) have a bayonet mount for mounting them on the grinding apparatus (10).

3. (currently amended) The bearing arrangement of ~~at least one of the foregoing claims~~ claim 1, characterized in that the modules (42) each have one groove (64) and/or one tongue, in order in the mounted state to form a tongue-and-groove connection between adjacent modules (42).

4. (currently amended) The bearing arrangement of ~~at least one of the foregoing claims~~ claim 1, characterized in that the individual modules (42) each have one mounting body (44) for fastening to the grinding apparatus (10) and one guide body (46) for guiding the grinding disk (24), and the mounting body (44) is joined to the guide body (46) in a manner capable of vibration by means of at least one of the vibration bodies (48).

5. (original) The bearing arrangement of claim 4, characterized in that the guide body (46) of the individual modules (42) has a screw receptacle (50) for receiving a

fastening screw.

6. (currently amended) The bearing arrangement of claim 4 ~~and/or claim 5~~, characterized in that the guide body (46), for making a positive-engagement connection with a fastening receptacle in the grinding disk (24), has a suitably adapted protrusion (52) on its side toward the grinding disk (24).

7. (original) The bearing arrangement of claim 6, characterized in that the protrusion (52) on the guide body (46) is non-round.

8. (currently amended) The bearing arrangement of ~~at least one of claims 4 through 7~~ claim 4, characterized in that the mounting body (44) is platelike and on one side edge has at least one recess (54.1, 54.2) for a suitably adapted tongue (56.1, 56.2) on the grinding apparatus (10).

9. (original) The bearing arrangement of claim 8, characterized in that the platelike mounting body (44) has at least one protrusion (58), in order in the mounted state to form a frictional engagement connection with a friction face on the grinding apparatus (10).

10. (currently amended) The bearing arrangement of ~~at least one of the foregoing claims~~ claim 1, characterized in that the mounting body (44), on the side toward the grinding apparatus (10) and/or on the side remote from the grinding apparatus (10), has a tongue (60, 62), which in the mounted state forms a tongue- and-groove connection with a suitably adapted groove on the grinding apparatus (10).

11. (currently amended) A grinding or polishing apparatus having a bearing arrangement of ~~at least one of~~

~~the foregoing claims~~ claim 1.